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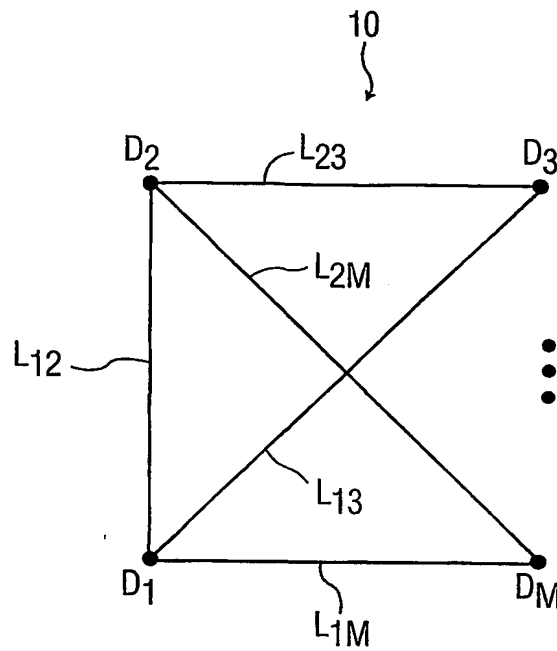


FIG. 1

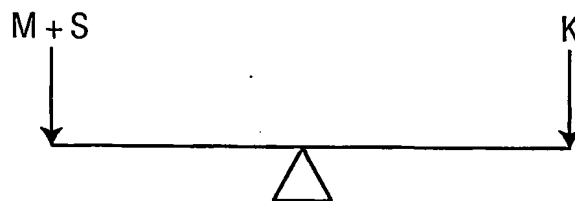


FIG. 2

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NETWORK NODE (DEVICE)

NETWORK DATA STRUCTURE, INITIALLY EMPTY	
PUBLIC - PRIVATE KEY PAIR - OR OTHER SECURE, AUTHENTICATED MEANS OF COMMUNICATION (E.G., IEEE 1394)	
TOKEN COUNTER	
CONTENT MEMORY	
CAPABILITY FLAGS	CAN DEVICE JOIN OTHER DEVICES?
	CAN DEVICE STORE CONTENT?
	CAN DEVICE TRANSMIT CONTENT?
	USES PUBLIC KEY OR GLOBAL KEY ENCRYPTION?
CONTROLLER	

FIG. 3

NETWORK DATA STRUCTURE

NETWORK SIZE CONSTANT, K (10 TO 30)
CREATION DATE, TIME
NETWORK ID (128 BIT)
ENCRYPTION KEY (128 BIT)
DECRYPTION KEY (128 BIT)
GLOBAL REVOCATION LIST (OF COMPROMISED, ROGUE DEVICES) - RECEIVED FROM OUTSIDE
LOCAL REVOCATION LIST (OF COMPROMISED, ROGUE DEVICES) - DISCOVERED, INPUT IN THE NETWORK

FIG. 4

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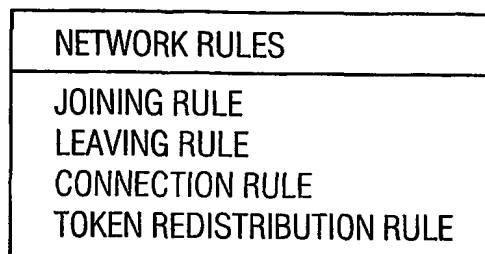


FIG. 5

CREATE NETWORK WITH PRESET NETWORK SIZE CONSTANT K

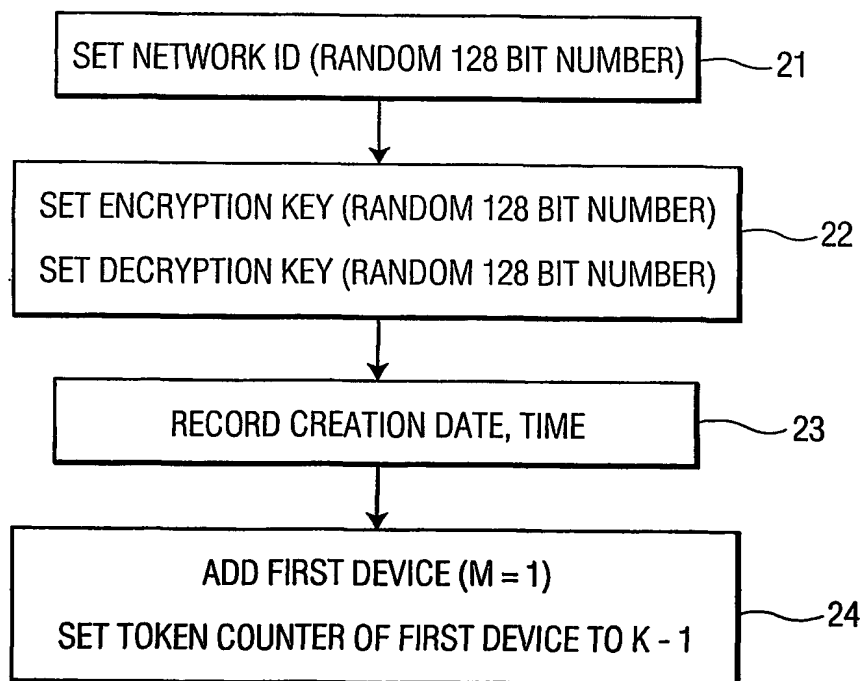


FIG. 6

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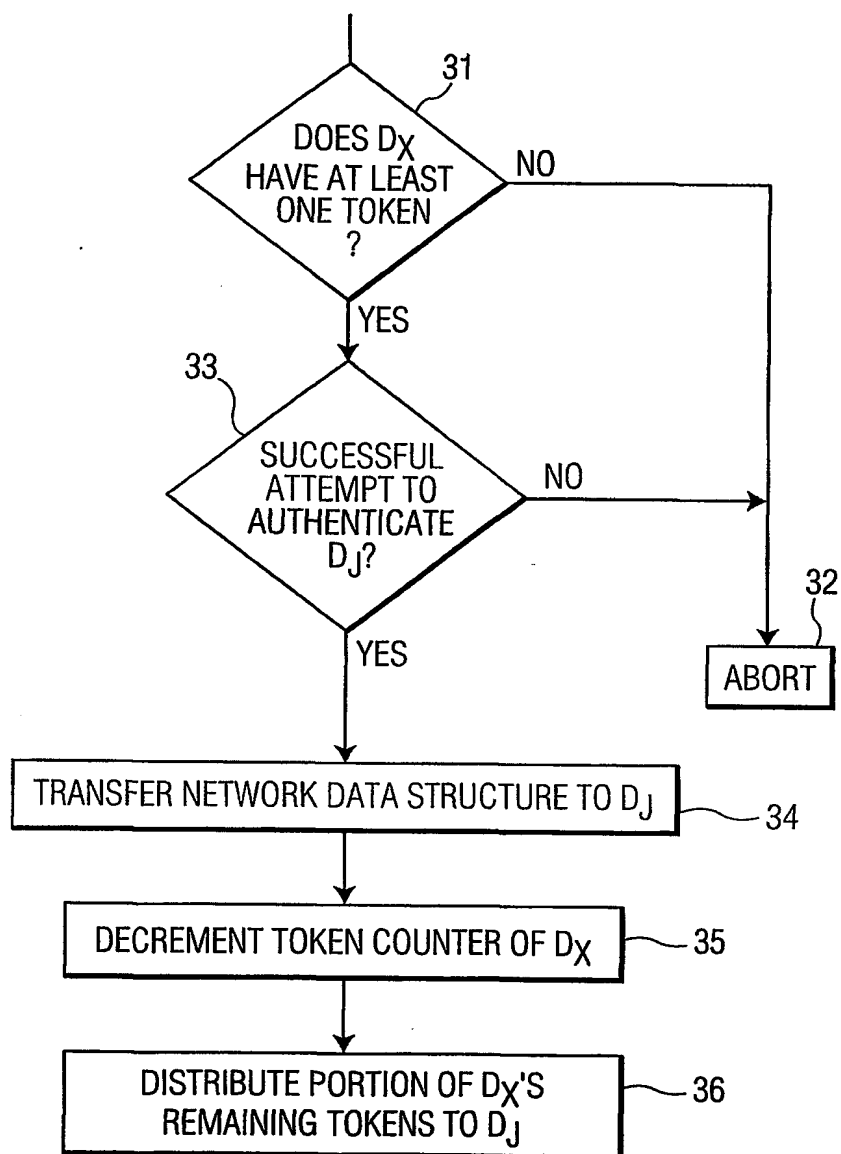


FIG. 7

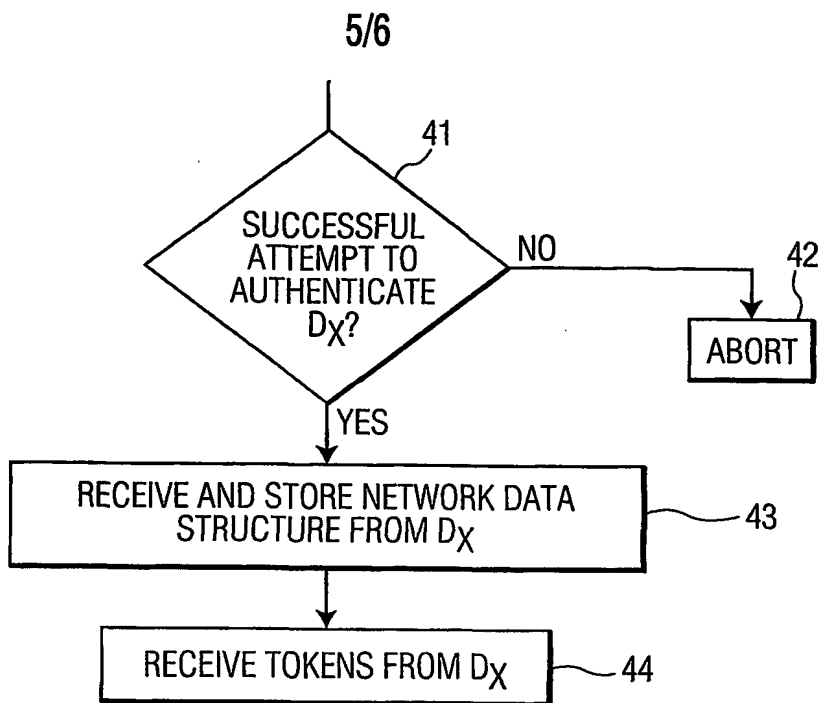


FIG. 8

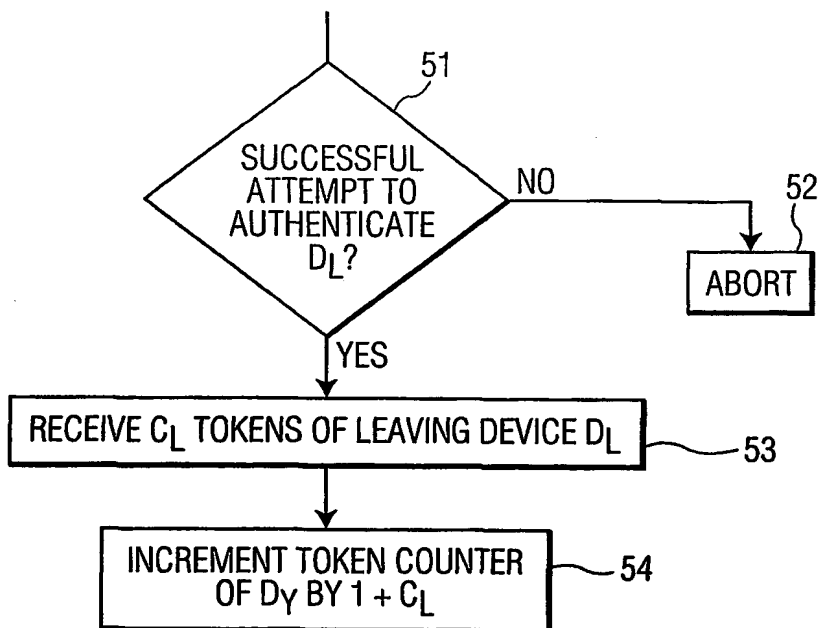


FIG. 9

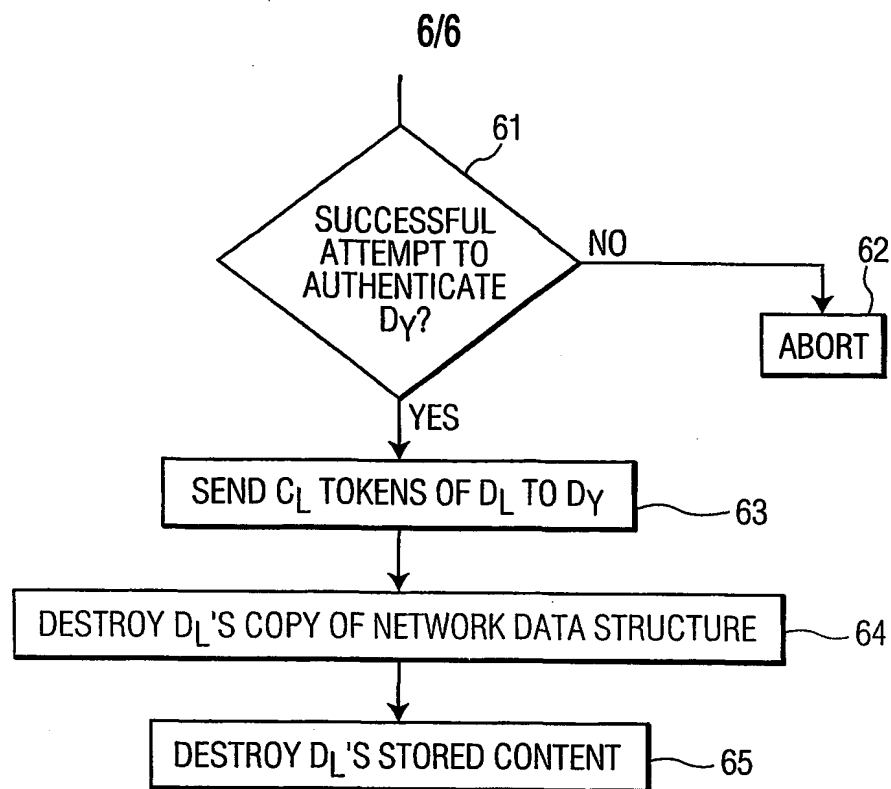


FIG. 10

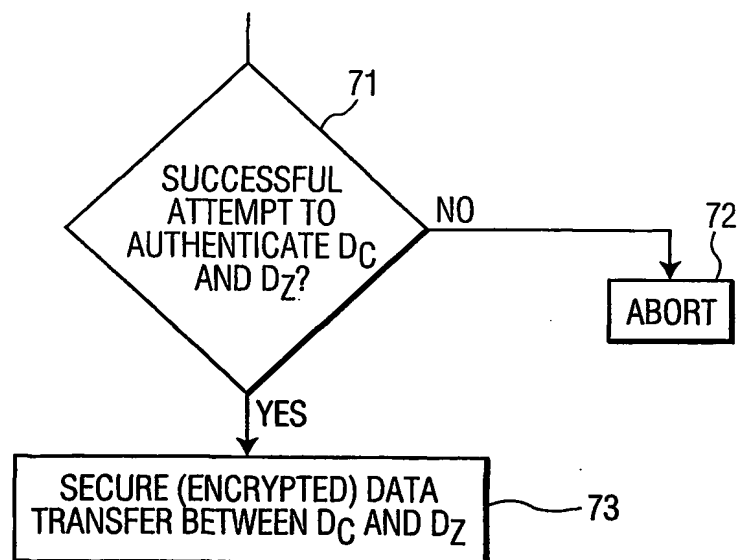


FIG. 11